## NEWS OF WEEK

## Told Herewith in Tabloid Form

Condensed Items of Interest for Every Member of the Household

MISCELLANEOUS. Germans claim to be hopeful that the indemnity they are to get from the allies will pay the national debt.

Disgusted with Milwau'roe's lack of loyalty, steps are being taken by police in some cities to half the importation of Milwaukee beer.

Holland has been asked by Germany to allow her men to go through in order to get around the end of the allied lines.

Small towns in Germany are much disturbed over the recent casualties on the western front, as the war is showing that no family can escape its deadly toll.

Germany claims to think that Amer tea stands in mortal dread of air raids. and says the entire coast line of the nation is guarded by airplanes, H. G. Stevenson, president of a

Memphis bank, lost a package contain ing \$15,000 from his automobile. Girls at Hammond, Ind., have or

ganized an anti-slacker club, and will accept attentions from no one who should be in the army. Information has come to the British

authorities that allied prisoners of war are being employed in trench digging almost up on the front lines. Swift & Co., packers, have decided

to increase their capital by \$50,000, 000. Stockholders will be permitted Word comes from Geneva that Von Hindenburg was wounded by an avi-

ator's bomb at Strassburg. A mutiny is reported on German U-boats, but the crews were not allowed to land as the infantry was called out and the men are prisoneds on their own craft,

## COURT PROCEEDINGS.

Twenty-nine men were convicted in San Francisco, charged with conspiring to start a revolution in India.

Walter Gibbins and his common law wife are under the sentence of death at London for starvving Gibbins' 7year old daughter.

Nick Culitz, a deserting soldier, was given a sentence of 20 years by the federal court at Little Rock.

## LABOR.

The street car strike in Detroit has about ended and service resumed.

British efficiency has inspired th American labor delegates to Londor with a much higher respect for the English artisan, according to James Wilson, head of the delegation,

U. S. delegates to the national labor-The New York tegislature has

passed a law forbidding loafing, and everybody must go to work.

## ACCIDENTS.

Three persons were killed in Birmingham, Ala., when a street car turned over rounding a curve too

The great American liner St. Pan was sunk at her dock in New York on Thursday, April 25, No loss of life. Herry Davis, of Harrisburg, Ill., was killed in an accident at the new Deering mine.

## CRIMINAL.

Mrs. Mary Moore and her daughter Alice of Lamoine, Wash., both died suddenly under circumstances which indicate poisoning.

Helmuth Schmidt, of Detroit, lured a housemaid to his home, and after making a proposition, which she refused, killed her and burned the body.

Mrs. Kate Findley Skaags, 40, of St. Louis, crazed by the continual bartle with poverty, slew her three children and attempted suicide.

## DOMESTIC.

The government is out with a call for men experienced in waterway work. They are needed for French

Maryland's governor has signed a bill which legalizes betting on horse

The government has taken over all the wool output of the country for soldiera uniforma

A plan to introduce sheep raising in the south on an extensive scale is un- all the children of the capital to the

A new department of military service has been created. It is to be known as the motor transportation division, and a high official will have command.

Fifty of Pershing's men-wounded -are back in the United States working for the Liberty loan.

Every employe of the St. Louis street railway company has bought a

Michigan's dry law will go into effect on May 1, and no person may possess more than eight conces of whisk, for any purpose.

Railway workers are to receive \$75, 000,000 back pay as soon as Director McAdoo approves the findings of the arbitration board.

Carroll County, Missouri, is the first unty in the Eighth Federal Reserve District to raise its full quota on the Liberty Loan, and has received the flag of honor.

### WAR BREVITIES.

Highland Park, Ill., has a family of four brothers all in the army, and one of these has five sons in the service. Plans are under consideration to raise the draft age to 40 years, so as

to have plenty of men. Word comes to Washington that our boys are holding the line at the hottest point of contact on the western FUEL WILL NOT DETERIORATE front.

A young son of Revenue Commisioner Roper of New York, kiled seven Germans in a combat before the Huns

were able to put him out. Pershing's men are falling back on the sawed-off double-barreled shotgun, and are giving the Germans the surprise of their lives.

One British soldler is reported to have captured 36 German soldiers, a few officers, six machine guns and a trench mortar all by himself.

Marine corps officials are out in an appeal for 40,000 more volunteers. The draft coming in June is said of ontemplate the raising of 300,000 new

### PERSONAL.

soldiers.

John D. Ryan, copper magnate, has een appointed as chief of the air eraft construction program.

William J. Bryan's name on a chautauqua program to be held in Ludington, Mich., next August has resulted

Prof. Thomas, the discredited socilogist of Chicago university, pleads not guilty to a charge of violating the moral code Judge Walter Gulon has been named

United States senator from Louisiana to succeed the late Senator Broussard. Andrew J. Depler, prominent farmer of Chillicothe, Mo., is dead from injuries received in rescuing a child in a burning building.

Douglas Fairbanks, the movie star, poke at the coliseum at St. Louis on last Saturday boosting Liberty Bonds. months more to live, according to a verdict of French doctors.

Gen. B. C. Morse of the U.S. army has been reduced to the rank of colonel, and ordered to report to his regiment for duty ,

## GENERAL.

Two women in the same ward in a New York hospital gave birth to girls on the same day, and one of the women now claims the babies have been switched.

Three soldiers from Camp Logan, Tex., are held as highway robbers at Houston.

Three bankers of a peculiar reglous belief are under arrest at Kanas City, charged with seeking to bribe irmy officers for the release of others of their beliefs.

An increase of 100,000,000 pounds a year is expected in the production of said Dockery is too old to be considfish by the food administrators in five ored for the appointment gulf states.

The National Editorial association is Fire at Mexico. to meet in Hot Springs, Ark, the first week in June.

Count Ishit, Japanese diplomat at San Francisco, says the difference food and climate makes it impossible to send Oriental troops to France. George Baker, 66, farmer, of White-

hall, Ill., was killed by a bull on his farm Sunday. Former Senator J. L. Bristow of

Kansas, was denied the privilege of making a speech at Ellsworth, in that state.

## FOREIGN.

Berlin claims the recent raid on Zeebrugge and Ostend was a complete fallure.

Von Hindenburg, the German lead r, says for anyone to give less than all he can to a national loan is to shirk

Chancellor von Hertling is suing Berlin paper because of recent criticisms of the moral ideas of German

Austrians are complaining against he misdemeanors of the house of tourbon-the queen's family-and particularly criticise Prince Sixtus.

Irkutsk, the inland capital of Si-Germans.

Two large ammunition factories Austria were blown up on the 24th, with immense loss of life.

All Austrian archdukes have been called to Vienna for an urgent conference with the emperor and

A move is on foot in Paris to send der consideration by boards of trace country in order that they may be safe from the long-range German can-

German authorities agree that price fixing in that country has been a Initure.

It is said the katser's greatest disappointment was realized when he discovered that the Germans in the United States were not to rise in rebellion to assist him in his scheme of world conquest.

Guatemaia has taken steps to suppress all war propaganda, no matter by whom circulated, in an ondeavor maintain neutrality.

linly is now urging the United States to use her run endeavor in the building of bombing planes for use on the Austrian front.

# ADVISES BUYING

LITTLE CHANCE OF LOSING IF SUPPLIES ARE LAID IN NOW.

Fear of Spontaneous Combustion Also Groundless, According to Profeesor at Missouri State University.

Columbia.-The engineering school and experiment station of the University of Missouri have given con-siderable study to Missouri coals and

the effects of storage. "For Missouri conditions every citizen should be urged to buy coal early and store his season's supply in order to avoid traffic congestion on the rail-ways later in the year," says Dean E. J. McCausland of the university. "This should particularly be urged with reference to domestic supplies which demand small storage space. The average householder who uses only a small amount of fuel is likely to feel that it for this year staxation totaled \$3,087, is immaterial when he purchases it. 000,000, and to this the commission If he would remember, however, that the average used by domestic consumers totals a very large tonnage, would appreciate that a concerted effort to store coal in the slack season would react favorably on general conditions and be an act of real patriot

"Many people hesitate to store coal in their cellars on account of possible deterioration in fuel value or on account of fear of spontaneous combus tion. As a matter of fact, the ordinary grades of coal used for domestic purses lose very little in fuel value by storage of a few months. Furthermore dry coal placed in storage in quanti ties usually needed for the individua Premier Clemenceau has but six householder is not likely to be subject to spontaneous combustion."

## Folk for Senator Club.

Joplin, Mo.-Former Gov. Joseph W. Folk was given an additional boon for United States senator to take the place of Senator Stone, when 100 representative Democrats of the state met here and formed a Folk-for-Sen-ator Club. An executive committee was named to agitate for a Demo eratic convention to be held in Jef ferson City. Resolutions commend ing Folk for the senatorship also were adopted by the Democrats and wired o Gov. Gardner.

It is planned to have mass meet ings in each county, have delegates appointed and the delegates select the candidate and submit the name to

Gov. Gardner. Opposition to Former Gov. Dockery was voiced at the meeting. It was

Mexico,-A fire destroyed \$200,00 worth of business property in the bus iness section. The historic Rings Hotel was burned, with all of the oth er business buildings in the block with the exception of two.

At the risk of his, life, Charles Jen uings, negro fireman at the Ringo surned the 40 guests in the hotel and key escaped,

## To Abolish German.

Springfield, Mo.-The Springfield Board of Education has voted unanimously to abolish the study of th German language in the high school The board also has voted to install course in wireless telegraphy to train

"Eat Potatoes" Hoover Urges.

Shame should be felt by an Amer ican who does not stimulate further production of potatoes by substituting them now for wheat and other foods says Herbert C. Hoover, United States food administrator, in a statement is sued here. Food Administrator Mum

Columbia.- Mrs. Walter McNab Mil ler attended the convention of equal beria, has fallen into the hands of the suffrage workers at Indianapolis last week, and may go to Washington to

> Franklin.-R. R. Buckner has pur chased the Mexico Fair Grounds for \$10,000 and will convert the plant into stock farm, and the amphitheater into barn. It will be the largest enter prise of the kind in Missouri,

Hayti, Mo -- Dan Dortch, while on his way to Kansas City on his motor cycle, had a collision with an autombile and was severely injured. He was taken care of by the Masonic au thorities at Kamus City.

Lancaster.-John W. Parks, a pro perous merchant of Manhatian, Kan., was married here to Miss Mary Hiley daughter of Mrs. F. W. Riley, who was a nurse in St. Joseph's Hospital,

school presented a three-act drama "A Fight for Fortune" at the operahouse here on April 27. Marion-Robert Owens has been ap-

Metz. - The students of the high

pointed mine inspector by the county court at a salary of \$150 per month. of the right of way.

State Board Cuts Values

tax values fixed by the state tax comcission of \$2,119,796,594.

The total fixed by the three who con-

Lands from \$1,623,031,867 to \$559,483 475, a reduction of \$1,063,548,384, City lots from \$1,598,554,230 to \$912,-

209,314, a reduction of \$686,344,906. Horses from \$62,000,000 to \$32,000, Mules from \$30,000,00 to \$14,000,

Asses and jennets from \$1,200,000

Sheep from \$4,400,000 to \$1,300,000 Hogs from \$17,000,000 to \$5,000,000, Other live stock from \$294,000 to

\$158,000. Money, notes and bonds from \$23, 933,937, to \$119,990,698.

Corporations other than banks and public service companies from \$16, 482,000 to \$16,177,000. Other personal property from \$227,

The returns of the assessors' blanks added \$930,000,000.

## mission's figures \$2,119,796,594\_ State Will Pay Banks.

000,000 to \$124,000,000

The state board of fund commission ers directed State Treasurer Middle kamp to take up \$500,000 of the claims against the state now held by

Gov. Gardner, when he discovered the enormous debts left by the Major administration, negotiated a loan of \$2,025,000 from the St. Louis banks, The banks have advanced about \$1. 900,000. There was a balance of \$1. 500,000 in the revenue fund April 1. and it was deemed hest to commence taking up these claims, all of which will fall due near the close of the year.

Captures Collector. rested in a hespital at Iowa City, Ia. where he was under treatment for a

Lombard, since his departure from coplar Bluff, had been working at Orkaloosa, la., under the name of "Carl-

## Official Sues Official.

State Game and Fish Commissioner Birmingham filed mandamus proceedpenses incurred last year in making trips to Jefferson City on department

The auditor contends Birmingham should reside at the state capital, where his office is located, rather than at St. James, in Phelps county armingham sets up the plea that the law does not require him to reside in

to be affected by the decision in the

Kirksville - The Misses Belle and Sunice Cockrum and Hazel Whitlock, who taught in the public schools of Milan the past year, were re-elected at a meeting of the school board.

Moberly. - William Hawkins, fornerly car clerk on the western divison of the Wabash, has been promoted to tonnage clerk with a nice increase in salary. Miss Olga Walters is now

Fayetteville.- Frank Stiles, taxicab driver is fall charged with the robbery of two grocery houses. It is said that much of the missing loot was found in the basement of his

Jefferson City.-Charles G. Gruber ranks second in the United States in the sale of thrift stamps. He is a mail carrier, and up to April 1 had old \$12,390 worth.

Caruthersville, - The county board of equalization is in session in the apacity of a board of appeals to condider requests for changes in the asiduals, following their work of equal-

Louisiana.-Charles M. Davis bas innounced his candidacy for county deck, subject to the primary early

Laclede - O W. H. Neal, prominent n the campaign for better schools delivered an address here on the gan-eral subject of more education and particularly the religious part of it.

ed the celebration of the birthday of Henderson Moore at the home of his

daughter, Mrs. B. M. Murry. Clinton.-A Frisco local jumped the track near here. There was no loss of life, but a considerable mussing up

Attorney General McAllister, Becre tery of State Suilivan and Treasurer Middlekamp agreed upon the valuation of real estate and personal property for this year's taxes and their total figures are a reduction in the

stitute a majority of the board of equalization stands at \$1,829,085,530. From the valuations fixed by the state tax commission this board have made reductions as follows:

Cattle from \$91,000,000 to \$41,000,

Bank,s \$139,000,000 to \$69,060,000

C UNDERWOOD

already has been graduated.

the modern contractor.

in the forts to which they were as-

ods more or less resembling the meth-

ods already laid down for sea coast

These methods are far

UNDERWOOD

These three members of the board have cut the totals under the tax com-

St. Louis banks.

Poplar Bluff .- W. C. Lombard, former city collector here, whose books show a discrepancy of about \$18,000, and who disappeared March 6, was arnervous breakdown. He was ousted from office recently after his books

and been audited.

ings in the supreme court against State Auditor Hackman, to compe the latter to allow him various smal amounts for railroad and hotel ex

lefferson City. Other state departments are likely

nery. This included a practical knowledge of ballistics-the science of the movement of bodies through the air. in these days of precision is absolutely essential for the artilleryman. Reduced to language for the layman, it consists in the knowledge of just how

its projectile under all conditions. Very simple, say you. Yes, under standard conditions. Every gun when it is turned out from the maker is known to fire a certain projectile to a certain range at a certain elevation These data are complied in tables and are theoretically the same for all gums of the same culiber and model. These tables are known as range tables, and

> projectiles for these theoretical ranges are known as range table conditions. Remember this. Now some of the principal range table conditions or assumptions are that the earth is flat and does not revolve; that the atmospheric condiare standard; that there is no wind: that the gun and target are on

> > of gravity is constant throughout the All well and good. We know that our gun, then, will fire its projectile, table conditions. In other words, given the above conditions, it will, if propperly laid in direction, hit a target 10,000 yards away. But unfortunately for us the earth is not flat, our tag-

the conditions given for the firing of

Fulton.-Three generations attend-

managed for some years at Calamba by the Bondalean friars has been purchased for \$1,000,000 for Japanese suproject yet undertaken in the island by Japanese business men.

ment as have not yet been the others. How are you going to curve toward its goal. At last we have through this school have do it?

been ordered down in two sections, the first of which which your projectile cleaves the nir. the heavy ordnance with which the projectile, its form and its diameter army is equipped, and which in the hallistic co-efficient is easily calprojectile, its form and its diameter field will be manipulated by meth- culated.

three-inch rifles and 4.7-inch howitzers, with the atmosphere. On a heavy,
The present-day heavy artillery offi- muggy day the atmosphere is dense, muggy day the atmosphere is dense, cer must be a mathematical shark, a and you will be surprised the check, the same thing happens. The projecrailroad engineer and an expert in ing effect it will have on your projectionalling gasoline motors, besides havitile. By means of elaborate tables one ing an intimate knowledge of gunnery, says a writer in the New York Herald. His equipment has changed we apply it to the original formula. Also in the atmospheric factor is infrom the battery commander's ruler cluded the temperature, for in hot of the field artilleryman to a slide rule, a transit and a book of logarithms. weather our powder charge when Ignited exerts more strength in decom-

In addition he must understand perposing into gases than it does on a fectly the manipulation of heavy masses—termed the art of mechanical cold day. So far so good. What about this maneuvers-for his guns will not be troublesome wind that is blowing? If securely emplaced in concrete, but it blows against the projectile it will be exposed to the mercles of the checks it: if with it, it helps it along. will be exposed to the mercles of the open road, with consequent overturn-So we have two varying factors, ings and sudden shiftings. He must which the ballistician juggles by utilize changes as the gun grows older. By know how to use tackle of all sorts. Ing trigonometry until he gets them in figuring the deviation of a certain and in general know all the tricks of The officers who came down to Fort larger or smaller as the wind im- fire for adjustment, he finds out what Monroe were nearly all graduates of | pedes or accelerates the projectile.

the National Guard courses prescribed competent to handle sencoast ordnance. They thought that their a force that gives the projectile an yards is what is known as the 50 per knowledge was ample, and it would initial velocity of so many foot sec- cent zone, within which 50 per cent of have been for this work, perhaps, but onds, say 2.250. But our powder has his projectiles will fall. after a day or so they found out that been stored in a dugout whose tem- ration is done longitudinally and latiperature is not normal, so by more fig- tudinally, giving a certain oblons strip. while this knowledge was essential to them as basic, it was only the be-

eard path to the target.

By dividing our old friend C, as the illistic co-efficient is termed, by the distance in feet that the projectile shots will fall. must travel, we get a reference numand bury our noses in more tables untwice the angle of departure, A many shots will be necessary to make quick glance into a table of logarithmic sines gives this to us, and dividing inrget. by two we have a figure in degrees and height of site of the target. The re- the fact that guns are mounted there.

The Influence of the Rifling. bles. Also we go back to our wind togarthms curved themselves through problem and find what effect the wind their brain cells.

LEARNING TO HANDLE UNICLE SAM'S GREAT GUNS DWN at the Coast Artillery | above the level of the gun there is a | will have in pushing the projectile school at Fort Monroe, Va., ten-mile wind blowing straight across from its course, either to the right of Uncle Sam is turning out the line gun target, the thermometer left. These two corrections are the latest pattern of mod-ern heavy artillery officers. dropped to 29. Will the projectile hit amount in degrees and minutes that The National Guard coast the target now? Not unless you corof the regular establish of these conditions and its laying for left in order that the projectile will

our gun controlled so that it will hit First, you must find the force with the target, which your projectile cleaves the air. Tarry just a moment. A gun, the This is called the ballistic co-efficient, text books tell us, is the simplest form Upon the Coast Artillery corps has and is reduced by a simple formula to of gas engine. Did you ever know been thrust the burden of handling a figure. Knowing the weight of the two gas engines of the same model that acted alike? Neither will two guns of the same model.

The Fifty Per Cent Zone. If you have an automobile you know You have now taken the first step. You have the force of projectile to that the piston rings wear out, allowing gases to escape, and thus reducing different from those used by the field penetrate the atmosphere under stand- the force with which the piston is artillery proper—that is, the light ard conditions. But this force varies forced down. Also the cylinder becomes scored with the same result. Now, if you fire your gun many times tile is the piston and the retaining band of copper the piston ring that can find just what this effect is, and seals the bore. If the bore is eroded or if the rotating bands are not per-

fect a certain escape of gases occurs and the flight of the projectile is conequently affected. Again, there may be a difference in the weight of powder charges or in the weight of the projectiles, which will give slight variations in the flight of the projectiles. So that the battery commander must know the dispersion of each piece. This he finds but from observation of his shots, and it terms where he can once more change group of projectiles from the target, his ballistic co-efficient, making it and which are known as trial shots or

is known as the mean error of the Not quite so easy as you thought, is gun. This, multiplied by the factor. But we are not through yet. 845, well known to students of prob-We know that under range table abilities, gives the mean probable er conditions our propelling charge has ror. Multiplying by two, the result in uring we find out just what this real If the center of this strip can be velocity for the day is. Now we can begin to figure what clevation the fire the battery commander has done The big thing, of course, was gun- gun must have to travel that 10,000- all that he can, and may now open fire for effect. Four times the 50 per cent zone gives the 100 per cent

zone, within which practically all his Knowledge of these zones is all im This number we take with us portant. By this means he can figure out how near he can come to our own tti we find opposite this number in a first line trenches without murdering column headed by the muzzle velocity our infantry, and, what is almost as another number. This number, multi- important, when it is necessary to save plied by C again, gives us the sine of ammunition he can easily compute how

And what about camouflage? The minutes that represents the angle enemy airplanes are on the alert and which the gun must be elevated from all gun positions must be disguised. the horizontal to send its projectile. The battery commander must be a 10,000 yards today. Wait a minute, master of camouflage, able to erect Our target is 200 feet above the level shelters and under their cover to build of the gun. Also because of the curv- his emplacements, while by the exerature of the earth this 200 feet height cise of discipline he restrains his men has been reduced somewhat. So once from making tracks about the postmore we delve into mathematics to cor- tions which will give away to the allrect the curvature of the earth and seeing eye of the camera in the air

and this time our gun is ready for at Fort Mouroe blistered their business. Is it? No: it is not so easy. hands and strained their backs erecting camouflages and digging dugouts Every rifled piece of ordnance im- and bombproofs; that is why they dove parts a twist to its projectile, and and crawled under motortrucks and this twist causes the projectile to deviate from its course. In our service this cases, emerging dirty and grimy, but deviation, called drift, is to the right, happy; that is why they tolled for and is in ratio with the range. It is hours at night, working out lengthy constant, therefore, for each range, and problems in trigonometry until angles we find it very easily, either by math- danced before their eyes when they cantic computation or from drift ta- tried to sleep and endless chains of

## get is 10,000 yards away, and 200 feet TAKEN FROM EXCHANGES

Owing to difficulties in transports tion from India, Great Britain is suf-turing from shortage of cottonwest, and oil cake for dairy cows is stendily rising in bulco.

gar capitalists. This is the largest Palestine and over more negroes than quarters. Successful applicants must tive of Africa.

England, accepting men of nineteen | A London cat, officially know as the forty-one, inclusive, has 3,000,000 "King's cat," Is the only one in the soldiers in the field. Germany, accept. Kingdom to receive an allowance from ing men of eighteen and forty-five, in the trensury. He inhabite the Record clusive, has 5,000,000. Germany's per-office and 13 cents a week is spent for manent disablements are said to be his ment.

3,500,000, or at the rate of 1,000,000 a | For the unit of woman telephone op erators to be sent to France a disany other sovereign who is not a na- speak both French and Faglish with

ease. 一一一一一一一一一一一一一一一一一一一一一一一一一一一一

King George rules over more Mo-hammedons than the sultan of Turkey, Salaries range from \$60 to \$125 a over more Jews than there are in month, with allowance for rations and

## the same level, and that the action